

1/2" THERMOSTATIC SHOWER INSTALLATION GUIDE

AVAILABLE PRODUCTS

1/2" Thermostatic Valve

TX8-310A - without stops
TX8-340A - with stops



1/2" Valve - only casting (with test plug)

VB8-310A - without stop
VB8-340A - with stops



1/2" Thermostatic

TX8-0001



3-Way Diverter Valve

015-3WDX



Thermostatic Trim Kits

Chrome
R89-8TUC
Brushed Nickel
R89-8TUK
Tuscan Bronze
R89-8TUY



Chrome
R89-7TUC
Brushed Nickel
R89-7TUK
Tuscan Bronze
R89-7TUY



Body Spray

Chrome
015-BDOC
Brushed Nickel
015-BDOK
Tuscan Bronze
015-BDOY



Handheld Shower/Slide Bar Package

Chrome
16-300C
Brushed Nickel
16-300K
Tuscan Bronze
16-300Y



FREQUENTLY ASKED QUESTIONS...

How can I distinguish between the pressure balancing cartridge & thermostatic cartridge?

Besides the geometric differences (the thermostatic is much larger in size both diametrically as well as laterally), the thermostatic cartridge has a TYPE T marking on the top of the bonnet to facilitate inspection even with the finished wall in place.

Can customers order the valve body without the cartridge already installed?

Yes, the new VB8 skus are valve-only castings with a test plug included. This allows the customers to rough-in the casting and determine the cartridge and trim type at a later date.

Does the thermostatic cartridge support a back-to-back installation?

Yes, if the inlet lines were switched during the rough-in, simply flip the cartridge 180 degrees when inserting it into the valve body.

Is it necessary to plumb the outlet through the tub port and plug the shower port on the valve body?

No, it is not necessary to plumb the shower head & body sprays through the tub port of the valve body. However, it is recommended in order to achieve the maximum flow attainable and provide the finest shower experience for the user.

What type of test plug is provided with the VB8 casting skus?

A full test plug is provided with the VB8 casting which allows plumbers to quickly test the lines for leaks. A spare part (974-073) has been setup to allow plumbers to test each line (Hot and Cold) individually, which can be ordered as needed.

How many outlets (showerheads, body sprays, etc) can the TX8 thermostatic cartridge support?

The new TX8 cartridge delivers 7gpm @ 60psi and can support a showerhead and up to 2 body sprays. For more shower outlets, additional valves will be required upon rough-in.

How should I plumb body sprays to ensure proper pressure balancing?

A pressure balancing loop must always be used with the body sprays to allow for a balanced and equal supply of water to each spray head.

How should I connect body sprays to the water supply?

Thread the body sprays onto 1/2" male NPT pipe, which is plumbed in a loop system.

Is a diverter valve required for setting up a system with 2 bodysprays and 1 showerhead?

No, the body sprays (015-BDO*) feature integrated ceramic disc valves with volume control and eliminates the need for a separate diverter valve.

How can the same product that delivers 7gpm @ 60 psi also be considered a green product?

The thermostatic valve is regulated by fluctuations in temperature, not pressure. Thus, the thermostatic cartridge can deliver outstanding performance at lower than normal (<2.0gpm) pressure and flow rates.